

VIRTUAL CHIEF INFORMATION SECURITY OFFICER (vCISO) SERVICES

Data sheet



vCISO Services from Boldyn Networks

vCISO Services provide fractional information security leadership and expertise to higher education IT teams, including risk assessment, development of remediation plans, security strategy definition and leadership, and guidance and education.

vCISO Services key features

Features	Detail
Data mapping and framework assessment	<ul style="list-style-type: none">▪ Assessment of current environment, including servers, infrastructure, and network diagrams (as needed)▪ Comprehensive documentation of network topology and application data flow (as needed)▪ Security frameworks evaluation and guidance (e.g., Safeguards Rule, NIST-800-171, CUI)
Risk assessment	<ul style="list-style-type: none">▪ Annual risk assessment, including as-needed physical and access controls analysis (e.g., HVAC, backup power, physical access controls)▪ Vulnerability scan to identify risks, including IPs and patching compliance▪ Compliance reporting and risk mitigation plan▪ Routine quarterly scans to update compliance report and risk mitigation plan as needed
Policy development	<ul style="list-style-type: none">▪ Self-administration toolsets and acceptable use policy (AUP) recommendations▪ Phased implementation and budget planning assistance▪ IT policy review and guidance (e.g., system controls, role-based access control, backup and disaster recovery)▪ Cross-departmental stakeholder engagement to address user policies and risks
Risk mitigation	<ul style="list-style-type: none">▪ Identification and impact of risks, remediation steps, and improvement scoring▪ Security framework compliance guidance (e.g., GLBA, NIST, CIS)▪ Monthly emerging threat reporting, including common vulnerabilities and exposures (CVEs) and remediation guidance▪ Boldyn-led incident response plan (IRP) development, including incident criteria, roles and responsibilities, response team procedures, and legal and/or regulatory requirements
Hiring and training	<ul style="list-style-type: none">▪ Evaluation of existing team structure, needed staff and function recommendations, team mentorship, and threat identification training▪ As-needed candidate screening



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